

08/27/01

08-28-01

PTO/SB/05 (2-99)

Please type a plus sign (+) inside this box → ☒

Approved for use through 10/31/2002. OMB 0651-0003

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|--|
| Attorney Docket No. | 424P050 |
| First Inventor | Yuji Yamauchi |
| Title | MOVABLE VACUUMFORMING APPARATUS FOR PRESSING AND VACUUM PRESS APPARATUS |
| Express Mail Label No. | ET121814520US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)

☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____/_____

Prior application information:

Examiner: _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

| | | | | | |
|---------|--------------------|-----------|----------------|----------|----------------|
| Name | Kevin S. Lemack | | | | |
| | Niels & Lemack | | | | |
| Address | 176 E. Main Street | | | | |
| City | Westboro | State | MA | Zip Code | 01581 |
| Country | U.S.A. | Telephone | (508) 898-1818 | Fax | (508) 898-2020 |

| | | | |
|-------------------|---|-----------------------------------|-----------------|
| Name (Print/Type) | Kevin S. Lemack | Registration No. (Attorney/Agent) | 32,579 |
| Signature |  | Date | August 27, 2001 |

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 750.00**Complete if Known**

| | |
|----------------------|--------------------------|
| Application Number | Not yet assigned |
| Filing Date | Herewith By Express Mail |
| First Named Inventor | Yuji Yamauchi |
| Examiner Name | Not yet assigned |
| Group Art Unit | Not yet assigned |
| Attorney Docket No. | 424P050 |

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

14-0930

Deposit
Account
Name

Niels & Lemack

- ☐
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☐
- Applicant claims small entity status
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|----------|----------|----------|------------------------|---------------------|
| 101 | 710 | 201 | 355 | Utility filing fee | \$710 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) 710.00 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 11 | -20** = 0 | 18 | 0 |
| 3 | -3** = 0 | 80 | 0 |
| Multiple Dependent | | 270 | 0 |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|---------------------|----------|----------|----------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | | | |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | \$40.00 |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00**SUBMITTED BY**

Name (Print/Type)

Keyur S. Lemack

Registration No.
(Attorney/Agent)

32,579

Complete (if applicable)

Telephone

(508) 898-1818

Signature

Date

August 27, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yuji Yamauchi, et al.
Serial No. : Not yet assigned
Filed : Herewith By Express Mail
For : MOVABLE VACUUM FORMING APPARATUS FOR PRESSING
AND VACUUM PRESS APPARATUS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 424P050
Type of paper : Letter

"EXPRESS MAIL" MAILING LABEL NO. **ET121814520US**
DATE OF DEPOSIT: August 27, 2001

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents, **BOX: PATENT APPLICATION**, Washington, D.C. 20231.

Ann Marie Mahan

Name of person mailing paper or fee


Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Yuji Yamauchi, Kiyotaka Fujihira, Saburo Seki and
Nobutaka Hatori**

For: **MOVABLE VACUUM FORMING APPARATUS FOR PRESSING AND VACUUM
PRESS APPARATUS**

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231
Sir:

LETTER

The above-identified applicant(s) enclose for filing a patent application entitled "**MOVABLE VACUUM FORMING APPARATUS FOR PRESSING AND VACUUM PRESS APPARATUS**". Said attached patent application includes (1) Patent Application Transmittal Letter (1-Page); (2) Patent Application: 17-Page Specification (including 4-Pages of Claims (11) and 1-Page Abstract), 6-sheets of A4 size formal drawings and an executed Declaration and Power of Attorney (3-Pages); (3) Recordation Form Cover Sheet (1-Page), Assignment (1-Page) and (4) Fee transmittal form, together with a check in the amount of \$750.00 in payment of the filing fee and recording fee.

All correspondence concerning this application should be mailed to:

**Kevin S. Lemack
Niels & Lemack
176 E. Main Street
Westboro, Massachusetts 01581**

Respectfully submitted,



Kevin S. Lemack
Attorney for Applicant
Registration No. 32,579

Date: August 27, 2001

EXPRESS MAIL NO: ET121814520US

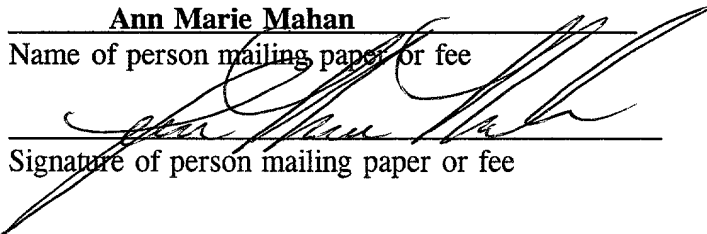
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Applicants : Yuji Yamauchi, et al.
Serial No. : Not yet assigned
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AND VACUUM PRESS APPARATUS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 424P050
Type of paper : Assignment

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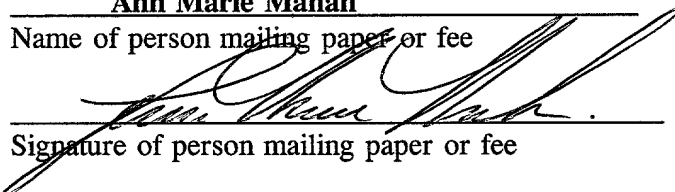
Ann Marie Mahan
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Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yuji Yamauchi, et al.
Serial No. : Not yet assigned
Filed : Herewith By Express Mail
For : MOVABLE VACUUM FORMING APPARATUS FOR PRESSING
AND VACUUM PRESS APPARATUS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 424P050
Type of paper : Utility Patent Application Transmittal Form

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Ann Marie Mahan
Name of person mailing paper or fee

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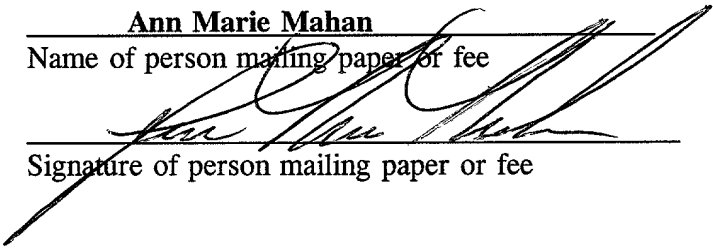
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Ann Marie Mahan
Name of person mailing paper or fee


Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

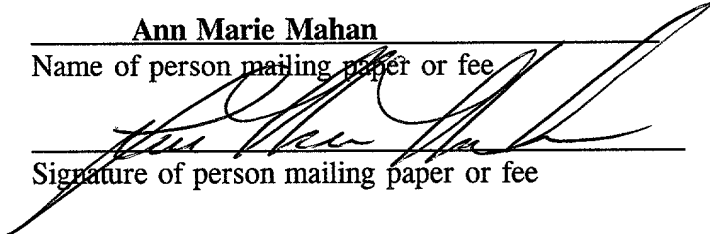
Applicants : Yuji Yamauchi, et al.
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AND VACUUM PRESS APPARATUS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 424P050
Type of paper : Fee Transmittal Form, together with a check

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